

1 What is claimed is:

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3 1. A dryer comprising:

4 a cabinet;

5 a drum;

6 a heater;

7 a converting switch; and

8 a centrifugal switch comprising:

9 a body connected to a shaft of the motor to have loading recesses at

10 an outside;

11 a pair of balance weights having supports wherein one ends of the
12 supports are inserted in the loading recesses, respectively, a pair of the
13 balance weights revolving centering on the inserted one ends to be
14 folded/unfolded;

15 a plate provided to rear ends of the balance weights; and

16 a return spring having both ends hooked on hanging portions of the
17 balance weights to be fixed thereto.

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19 2. The dryer as claimed in claim 1, wherein the loading recesses are rounded
20 and one ends of the supports inserted in the loading recesses are rounded.

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22 3. The dryer as claimed in claim 1, further comprising a lever at a rear side of
23 the plate to be connected to the converting switch.

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25 4. The dryer as claimed in claim 1, wherein the balance weights are unfolded to
26 press the plate when the motor rotates over a predetermined rotational speed.

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28 5. The dryer as claimed in claim 1, wherein the return spring has a
29 predetermined elasticity folding the balance weights not to be brought contact with the plate
30 when the motor rotates below a predetermined rotational speed.

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32 6. The dryer as claimed in claim 1, further comprising a connector at a front end
33 of the body to fix the body to the shaft of the motor.

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35 7. A centrifugal switch of a motor, comprising:

36 a body connected to a shaft of a motor to have loading recesses at an
37 outside;

38 a pair of balance weights having supports wherein one ends of the
39 supports are inserted in the loading recesses, respectively, a pair of the
40 balance weights revolving centering on the inserted one ends to be
41 folded/unfolded;

42 a plate provided to rear ends of the balance weights; and

43 a return spring having both ends hooked on hanging portions of the
44 balance weights to be fixed thereto.

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46 8. The centrifugal switch as claimed in claim 7, wherein the loading recesses
47 are rounded and one ends of the supports inserted in the loading recesses are rounded.

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49 9. The centrifugal switch as claimed in claim 7, further comprising a lever at a
50 rear side of the plate to be connected to the converting switch.

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52 10. The centrifugal switch as claimed in claim 7, wherein the balance weights are
53 unfolded to press the plate when the motor rotates over a predetermined rotational speed.

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55 11. The centrifugal switch as claimed in claim 7, wherein the return spring has a
56 predetermined elasticity folding the balance weights not to be brought contact with the plate
57 when the motor rotates below a predetermined rotational speed.

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59 12. The centrifugal switch as claimed in claim 7, further comprising a connector
60 at a front end of the body to fix the body to the shaft of the motor.